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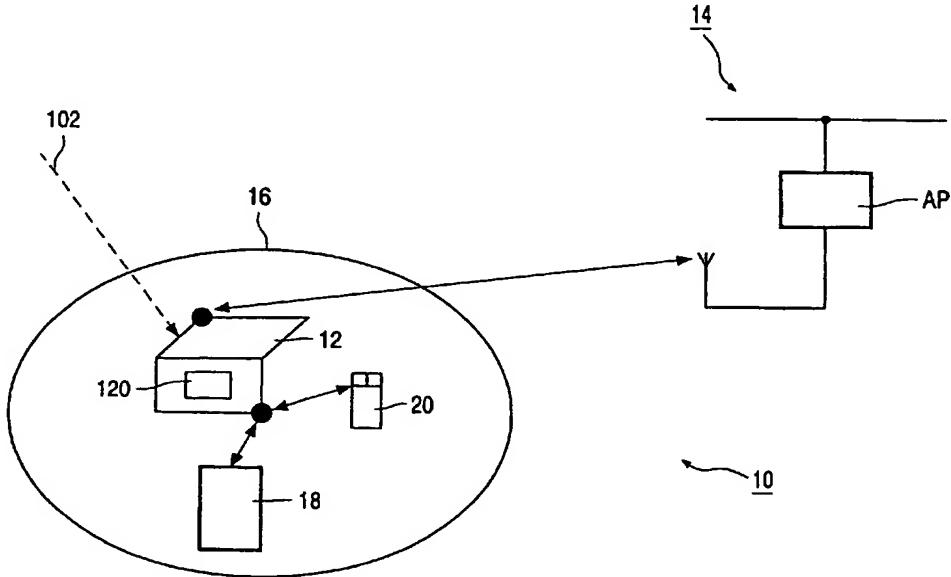
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(57) Abstract: Multi-mode hardware that supports both Wireless LAN and Wireless PAN standards in the 2.4Ghz ISM band are becoming available. This invention discloses a multi-standard wireless driver that includes a Multi-standard Wireless Adaptation Layer (M-WAL) with the capability to efficiently handle concurrent operation of multiple wireless transceivers while reducing mutual interference and matching application traffic requirements. The multi-standard Wireless Adaptation Layer is a virtual device driver that is not limited to networking applications but also takes other application profiles into account, such as those described in the Bluetooth standard.